Simplifying Proper Fractions (J)

Name: _____ Date: _____

Simplify each fraction to its lowest terms

1. $\frac{117}{144} = \frac{13}{16}$ (÷9)
2. $\frac{297}{639} =$
3. $\frac{98}{336} =$
4. $\frac{5}{220} =$
5. $\frac{36}{162} =$
6. $\frac{252}{368} =$
7. $\frac{10}{60} =$
8. $\frac{32}{480} =$
9. $\frac{108}{156} =$
10. $\frac{60}{250} =$
11. $\frac{350}{560} =$
12. $\frac{64}{264} =$
13. $\frac{45}{54} =$
14. $\frac{14}{21} =$
15. $\frac{24}{30} =$
16. $\frac{40}{50} =$
17. $\frac{141}{297} =$
18. $\frac{464}{784} =$
19. $\frac{456}{584} =$
20. $\frac{140}{175} =$
21. $\frac{120}{390} =$
22. $\frac{160}{320} =$
23. $\frac{245}{448} =$
24. $\frac{119}{322} =$
25. $\frac{245}{320} =$
26. $\frac{130}{520} =$
27. $\frac{48}{624} =$
28. $\frac{140}{220} =$
29. $\frac{376}{472} =$
30. $\frac{120}{260} =$
31. $\frac{50}{60} =$
32. $\frac{38}{76} =$
33. $\frac{234}{378} =$
34. $\frac{196}{332} =$
35. $\frac{4}{10} =$
36. $\frac{3}{12} =$
37. $\frac{624}{632} =$
38. $\frac{264}{360} =$
39. $\frac{54}{450} =$
40. $\frac{368}{656} =$

Simplifying Proper Fractions (J) Answers

Name: _____ Date: _____

Simplify each fraction to its lowest terms

1. $\frac{117}{144} \xrightarrow[\div 9]{\div 9} \frac{13}{16}$
2. $\frac{297}{639} \xrightarrow[\div 9]{\div 9} \frac{33}{71}$
3. $\frac{98}{336} \xrightarrow[\div 14]{\div 14} \frac{7}{24}$
4. $\frac{5}{220} \xrightarrow[\div 5]{\div 5} \frac{1}{44}$
5. $\frac{36}{162} \xrightarrow[\div 18]{\div 18} \frac{2}{9}$
6. $\frac{252}{368} \xrightarrow[\div 4]{\div 4} \frac{63}{92}$
7. $\frac{10}{60} \xrightarrow[\div 10]{\div 10} \frac{1}{6}$
8. $\frac{32}{480} \xrightarrow[\div 32]{\div 32} \frac{1}{15}$
9. $\frac{108}{156} \xrightarrow[\div 12]{\div 12} \frac{9}{13}$
10. $\frac{60}{250} \xrightarrow[\div 10]{\div 10} \frac{6}{25}$
11. $\frac{350}{560} \xrightarrow[\div 70]{\div 70} \frac{5}{8}$
12. $\frac{64}{264} \xrightarrow[\div 8]{\div 8} \frac{8}{33}$
13. $\frac{45}{54} \xrightarrow[\div 9]{\div 9} \frac{5}{6}$
14. $\frac{14}{21} \xrightarrow[\div 7]{\div 7} \frac{2}{3}$
15. $\frac{24}{30} \xrightarrow[\div 6]{\div 6} \frac{4}{5}$
16. $\frac{40}{50} \xrightarrow[\div 10]{\div 10} \frac{4}{5}$
17. $\frac{141}{297} \xrightarrow[\div 3]{\div 3} \frac{47}{99}$
18. $\frac{464}{784} \xrightarrow[\div 16]{\div 16} \frac{29}{49}$
19. $\frac{456}{584} \xrightarrow[\div 8]{\div 8} \frac{57}{73}$
20. $\frac{140}{175} \xrightarrow[\div 35]{\div 35} \frac{4}{5}$
21. $\frac{120}{390} \xrightarrow[\div 30]{\div 30} \frac{4}{13}$
22. $\frac{160}{320} \xrightarrow[\div 160]{\div 160} \frac{1}{2}$
23. $\frac{245}{448} \xrightarrow[\div 7]{\div 7} \frac{35}{64}$
24. $\frac{119}{322} \xrightarrow[\div 7]{\div 7} \frac{17}{46}$
25. $\frac{245}{320} \xrightarrow[\div 5]{\div 5} \frac{49}{64}$
26. $\frac{130}{520} \xrightarrow[\div 130]{\div 130} \frac{1}{4}$
27. $\frac{48}{624} \xrightarrow[\div 48]{\div 48} \frac{1}{13}$
28. $\frac{140}{220} \xrightarrow[\div 20]{\div 20} \frac{7}{11}$
29. $\frac{376}{472} \xrightarrow[\div 8]{\div 8} \frac{47}{59}$
30. $\frac{120}{260} \xrightarrow[\div 20]{\div 20} \frac{6}{13}$
31. $\frac{50}{60} \xrightarrow[\div 10]{\div 10} \frac{5}{6}$
32. $\frac{38}{76} \xrightarrow[\div 38]{\div 38} \frac{1}{2}$
33. $\frac{234}{378} \xrightarrow[\div 18]{\div 18} \frac{13}{21}$
34. $\frac{196}{332} \xrightarrow[\div 4]{\div 4} \frac{49}{83}$
35. $\frac{4}{10} \xrightarrow[\div 2]{\div 2} \frac{2}{5}$
36. $\frac{3}{12} \xrightarrow[\div 3]{\div 3} \frac{1}{4}$
37. $\frac{624}{632} \xrightarrow[\div 8]{\div 8} \frac{78}{79}$
38. $\frac{264}{360} \xrightarrow[\div 24]{\div 24} \frac{11}{15}$
39. $\frac{54}{450} \xrightarrow[\div 18]{\div 18} \frac{3}{25}$
40. $\frac{368}{656} \xrightarrow[\div 16]{\div 16} \frac{23}{41}$